Participant Questionnaire

Participant number:	Date: <u>6/29</u> /	123
Location: Bressia, IT		
HRC Study / Algorithms tested: HAMP STAP-PPF		other took and
Study Conducted by: <u>Jane</u> d <u>Flowers</u>		
Participant link lengths/dimensions: (meters, "spine" is pelvis to shoulder midpoint, "should	lers" is shoulder to sho	ulder)
Spine Left Upper Arm -3(Right Upper Arm	n .31	

Right Forearm

Participant joint diameter: (meters)

Left Elbow	.087
Left Wrist	.06

Right Elbow	.085
Right Wrist	.058

Questions:

Neck

Shoulders

A. How safe did you feel? (0 is not safe at all, 5 is neutral, 10 is very safe)

Left Forearm

- B. Do you think the robot hindered your motions during the task? (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)
- C. Did the robot perform logical motions? (0 is robot motions made no sense to you, 5 is neutral, 10 is robot motions made sense to you)
- D. What is your overall satisfaction with the HRC task? (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)

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Participant number:		Date:	

For Task 1 (engine parts): (circle your answer to each question)

Task 1, Me	thod 1:		3 - 1							1
Question /	A: (0 is not	safe at all,	5 is neutra	, 10 is very	safe)					180
0	1	2	3	4	5	6	7	8	9	10
Question I	B: (0 is robo	ot complete	ely prevent	ed your mo	itions, 5 is r	neutral, 10 is	s robot did	not impede	e you moti	on)
0	1	2	3	4	5	6	7	8	9	10
Question	C: (0 is robo	ot motions	made no s	ense to you	, 5 is neutr	al, 10 is robo	ot motions	made sens	e to you)	
0	1	2	3	4	5	6	7	8	9	10
Question D	: (0 is you w	ould not wo	rk in this HF	RC cell again,	5 is neutral,	, 10 is you en	joyed work	ing in this cel	I with the ro	obot)
0	1	2	3	4	5	6	7	8	9	10

Task 1, Me	ethod 2:									
Question	A: (0 is not	safe at all, !	is neutral	, 10 is very	safe)	E CONTRACTOR	3 35		12	Tu-
0	1	2	3	4	5	6	7	8	9	10
Question	B: (0 is rob	ot complete	ly prevent	ed your mo	tions, 5 is r	neutral, 10 i	s robot did	not imped	e you motic	on)
0	1	2	3	4	5	6	(7)	8	9	10
Question	C: (0 is rob	ot motions	made no s	ense to you	, 5 is neutr	al, 10 is rob	ot motions	made sens	se to you)	
0	1	2	3	4	5	6	7	8	9	10
Question D	: (0 is you w	ould not wo	rk in this HF	RC cell again,	5 is neutral	, 10 is you en	joyed worki	ng in this ce	ll with the ro	obot)
0	1	2	3	4	5	6	7	8	9	10

Task 1, M	ethod 3:					0				
Question	A: (0 is not	safe at all,	5 is neutral	, 10 is very	safe)	,			*	35.4
0	1	2	3	4	5	6	7	8	9	10
Question	B: (0 is rob	ot complete	ely prevente	ed your mo	tions, 5 is r	eutral, 10 is	robot did	not impede	e you motio	on)
0	1	2	3	4	5	6	7	8	9	10
Question	C: (0 is rob	ot motions	made no se	ense to you	, 5 is neutra	al, 10 is rob	ot motions	s made sens	e to you)	
0	1	2	3	4	5	6	7	8	9	10
Question [D: (0 is you w	ould not wo	rk in this HR	C cell again,	5 is neutral,	10 is you en	joyed work	ing in this cel	ll with the ro	bot)
0	1	2	(3)	4	5	6	7	8	9	10

Comments: Robot experience: 8

For Task 2 (Sharework parts: metal tabs, cylinders, pallets): (circle your answer to each question)

Task 2, Me	ethod 1:	() Parti		2				1		
Question /	A: (0 is not	safe at all,	5 is neutral	, 10 is very	safe)					
0	1	2	3	4	5	6	7	8	9	10
Question	B: (0 is rob	ot complete	ly prevent	ed your mo	tions, 5 is r	neutral, 10	is robot did	not imped	e you motic	on)
0	1	2	3		5	6	7	8	9	10
Question	C: (0 is rob	ot motions	made no se	ense to you	, 5 is neutr	al, 10 is rob	ot motions	made sens	e to you)	
0	1	2	3	4	5	6	7	8	9	10
Question D): (0 is you w	ould not wo	rk in this HR	C cell again,	5 is neutral,	, 10 is you er	njoyed worki	ng in this cel	ll with the ro	bot)
0	1	2	3	4	5	6	7	8	9	10

Task 2, Mo	ethod 2:				1					
Question	A: (0 is not	safe at all,	5 is neutral	, 10 is very	safe)					
0	1	2	3	4	5	6	7	8	9	10
Question	B: (0 is rob	ot complete	ely prevent	ed your mo	otions, 5 is r	neutral, 10 i	is robot dic	not imped	le you moti	on)
0	1	2	3	4	5	6	7	8	9	(10)
Question	C: (0 is robe	ot motions	made no se	ense to you	ı, 5 is neutr	al, 10 is rob	ot motions	made sen	se to you)	
0	1	2	3	4	5	6	7	8	9	10
Question D): (0 is you w	ould not wo	rk in this HR	C cell again,	, 5 is neutral,	10 is you er	njoyed work	ing in this ce	ll with the ro	obot)
0	1	2	3	4	5	6	7	8	9	10

Task 2, Me										
Question	A: (0 is not	safe at all,	5 is neutra	l, 10 is very	safe)		2			
0	1	2	3	4	5	6	7	8	9	10
Question	B: (0 is rob	ot complete	ely prevent	ed your mo	otions, 5 is	neutral, 10	is robot did	not imped	e you moti	on)
0	1	2	3	4	5	6	(7)	8	9	10
Question	C: (0 is rob	ot motions	made no se	ense to you	ı, 5 is neutr	al, 10 is rob	oot motions	made sens	e to you)	
0	1	2	3	4	5	(6)	7	8	9	10
Question D): (0 is you w	ould not wo	rk in this HR	C cell again,	5 is neutral	, 10 is you e	njoyed worki	ng in this cel	I with the ro	bot)
0	1	2	3	4	5	(6)	7	8	9	10

Comments:

Participant number: ______ Date: _____